Repairing OxyCom Cabin 400 Fresh Air Unit

This guide is used to help increase the efficiency of your fresh air unit.

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INTRODUCTION

Oxycom Cabin 400 uses water to cool down the cabin of a camper, mobile home, or caravan. When the efficiency is low, it can be repaired. This guide will demonstrate how to properly repair your Oxycom Cabin 400.

TOOLS:

- Sharp knife (1)
- Phillips #2 Screwdriver (1)

PARTS:

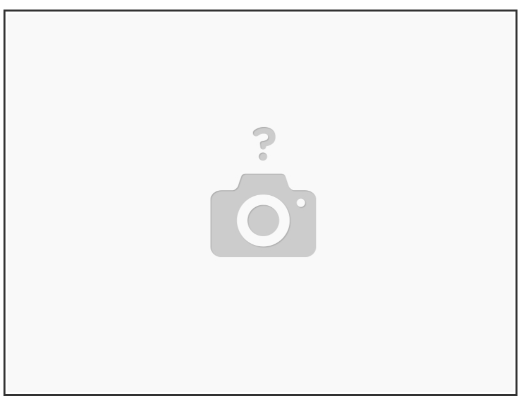
- Silicone (1)
- Super Glue (1)
- Duct Tape (1)
- 100g citric acid (powder) (1)

Step 1 — Preperation



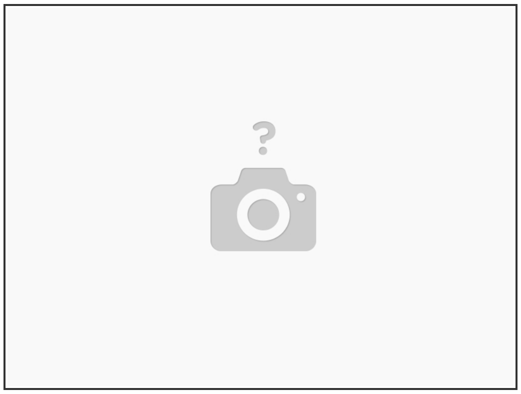
- Switch off the unit and remove the top cover of the Oxycom. There will be 6 screws; remove them.

Step 2



You will see the thermal block covered with translucent plastic. See how many black sprinklers are loose inside the plastic cover. There are 4 sprinklers in total (about 3 cm diameter round, usually connected to white round plugs with pipes). Normally all four fall down as this is a factory fault in Oxycom Cabin 400.

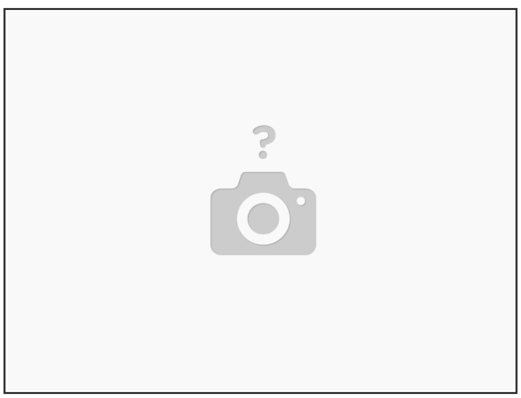
Step 3



- Cut two sides of the plastic cover with a sharp knife. Collect all sprinklers through that hole.

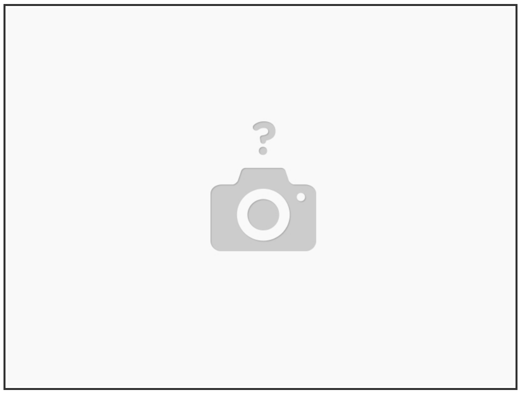
⚠ Beware of sharp edges on the plastic.

Step 4



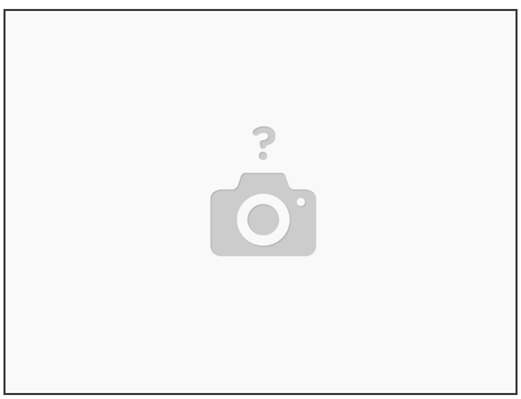
- Apply one drop of Super Glue to the side of the "pipe" on the sprinkler and reinstall it into the white plug by pressing it in. Do the same to all of the loose sprinklers.
- There are metal "supports" located inside as well. Put them back in any chosen place. No need to put them under the sprinklers because there are additional round places for them.

Step 5



- Use silicone to seal the plastic. Use duct tape over silicone to ensure that the plastic will be kept in the proper position. Leave that tape inside.
- Replace the cover.

Step 6 — Cleaning thermal unit surfaces.

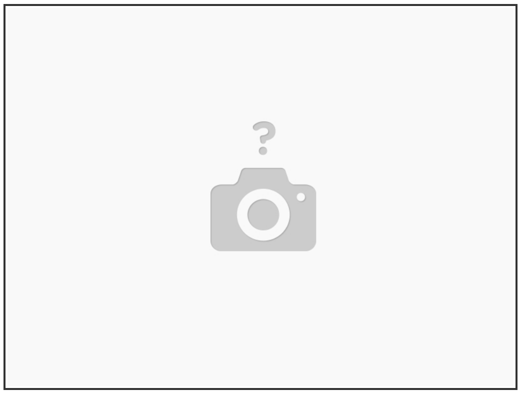


- Mix 100g of powdered citric acid with 4 liters of warm water.

ⓘ Ensure that the water reservoir is empty.

- Pour the solution into the water reservoir.
- Start the unit, set it to max cooling and max speed.
- After setting to max speed and max cooling press ON/OFF and COOL buttons quickly at the same time and hold for 5 seconds until a beep is heard.

Step 7



- Let the unit run for 1 hour. Then turn it off and drain the solution from reservoir.
- The drained solution will contain sediments and the thermal converter will be cleaned.
- This procedure should be repeated once a year. Now you can fully use the functional and effective Oxycom Cabin 400.

To reassemble your device, follow these instructions in reverse order.

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